

JYTOP

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JINYUAN
WIRE AND CABLE CO., LTD.

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JINYUAN—YOUR POWERFUL AND RELIABLE SOLUTION FOR WIRES AND CABLES.

ABOUT JINYUAN

For over 20 years, Zhengzhou Jinyuan Wire and Cable Co., Ltd., as a professional cable manufacturer, has been producing customized cable for a wide range of applications based on high quality, excellent service and competitive market prices. This is an elite team with experienced personnel and strong technical support. Our achievements benefit by having access to the largest market for cheap labor and abundant resources in China and our determination to exceed our clients' expectations.

PRODUCTS & STANDARDS

We can produce more than 2,000 types of cables and wires, such as

- Bare Conductor: AAC, AAAC, ACSR, ACSR/AW, ACAR, ACSS, ACSS/AW, Aluminum Clad Steel Wire/Strand, Bare Copper Conductors, Copper Clad Steel Wire/Strand, Copper Clad Aluminum(CCA), Galvanized Steel Wire/Strand, etc.
- Overhead Insulated Cable: Covered Line Single Core Cable and Aerial Bundled Cable(ABC). ABC includes Duplex, Triplex, Quadruplex and more Cores Service Drop Cable.
- PVC Insulated Wire up to 450/750V
- PVC or XLPE Insulated Power Cable from 1kV to 36kV
- Control Cable
- Welding Cable
- Rubber Cable

We can produce cables according to the standards of IEC, ASTM, EN (BS, DIN, NF, etc.), AS/NZ and meet customers' special requirements.

ACHIEVEMENTS & COMMITMENT

Our cable has been exported to South-East Asia, South Asia, Middle-East, Europe, North and South America, Africa, Australia & New Zealand and so on. Zhengzhou Jinyuan Wire and Cable Co., Ltd.'s commitment is to be recognized as a zero-defect world class manufacturer in cable industry through continuous improvement of our quality, processes, and products, and by our determination to exceed our clients' expectations.





Covered Line Wire-Aluminum Conductor

Construction

Conductors are aluminum alloy 6201-T81, 1350-H19, or ACSR conductors, concentrically stranded and covered for weather proofing with polyethylene, high density (HD) polyethylene or crosslinked polyethylene (XLP).

Standards

ASTM B-230, B-231, B-232 and B-399 & ICEA S-61-402 and S-66-524



Code Name	Size AWG or MCM	Strand	Insulation thickness (mil)	Outside diameter (inches)	Rated strength (lbs)	Weight		Ampacity (Amps) XLP
						XLP	Poly	
AAC								
Apple	6	Solid	30	.222	445	33.0	32.0	105
Pear	4	Solid	30	.264	675	48.5	47.3	135
Apricot	4	7w	30	.285	790	51.5	50.8	140
Peach	2	7w	45	.373	1220	87.1	84.0	180
Quince	1/0	7w	60	.477	1790	140.7	135.6	240
Orange	2/0	7w	60	.522	2260	171.9	166.2	280
Fig	3/0	7w	60	.570	2740	210.5	204.0	320
Olive	4/0	7w	60	.626	3450	258.7	251.4	370
Pomegranate	4/0	19w	60	.632	3620	254.8	247.9	370
Mulberry	266.8	19w	60	.692	4470	313.5	305.8	430
Anona	338.4	19w	60	.766	5535	387.8	378.8	495
Molles	397.5	19w	75	.852	6400	489.2	457.4	545
Huckleberry	477.0	37w	75	.921	7820	550.0	537.5	610
Paw Paw	556.5	37w	75	.982	8950	633.0	619.4	670
Breadfruit	636.0	61w	95	1.080	10510	742.6	724.7	720
Perseimon	795.0	61w	95	1.187	12900	910.0	890.0	825
Grapefruit	1033.5	61w	95	1.327	16500	1156.7	1133.8	970
Code Name	Size AWG or MCM	Strand	Insulation thickness (mil)	Outside diameter (inches)	Rated strength (lbs)	Weight		Ampacity (Amps)
ACSR								
Walnut	6	6/1	30	.258	1131	49	47	105
Butternut	4	6/1	30	.303	1170	71.8	70.0	135
Hickory	4	7/1	30	.309	2240	81.6	79.8	135
Pignut	2	6/1	45	.397	2710	118.1	114.8	180
Beech	2	7/1	45	.405	3460	134.1	130.7	180
Chestnut	1	6/1	45	.434	3370	145.5	141.8	210
Almond	1/0	6/1	60	.506	4180	180.4	184.9	235
Pecan	2/0	6/1	60	.554	5040	234.2	227.9	270
Filbert	3/0	6/1	60	.607	6290	288.5	281.4	305
Buckeye	4/0	6/1	60	.666	7930	356.5	348.5	345
Hackberry	266.8	18/1	60	.711	6540	354.8	346.8	435
ALLOY 6201-T81								
Hornbeam	4	7w	30	.310	1480	62.1	60.1	145
Linden	2	7w	45	.406	2520	96.1	93.3	190
Olinut	1/0	7w	60	.518	4010	166.1	160.0	250
Waterash	2/0	7w	60	.567	4850	203.3	196.4	290
Shellbark	3/0	7w	60	.622	6110	249.4	241.4	335
Planetree	4/0	7w	60	.683	7700	307.3	298.1	385



Duplex Service Drop-Aluminum Conductor

Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or crosslinked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.

Standards

ASTM B-230, B-231, B-232 and B-399 & ICEA S-76-474

Code Name	Phase conductor			Bare neutral messenger			Weight per 1000 ft.(lbs)		Rating(Amps)	
	Size AWG	Strand	Insulation thickness (mils)	Size AWG	Strand	Breaking strength (lbs)	XLP	POLY	XLP	POLY
AAC										
Pekingese	6	solid	45	6	7/w	563	83.5	81.7	70	70
Collie	6	7/w	45	6	7/w	563	66.8	63.1	70	70
Dachshund	4	solid	45	4	7/w	881	95.5	93.4	90	90
Spaniel	4	7/w	45	4	7/w	881	100.5	95.4	90	90
Doberman	2	7/w	45	2	7/w	1,350	152.7	145.7	120	120
Malemute	1/0	19/w	60	1/0	7/w	1,990	242.6	234.2	160	160
ACSR NEUTRAL-MESSENGER										
Setter	6	solid	45	6	6/1	1,190	75.0	73.2	70	70
Shepherd	6	7/w	45	6	6/1	1,190	78.3	74.6	70	70
Eskimo	4	solid	45	4	6/1	1,860	113.7	111.6	90	90
Terrier	4	7/w	45	4	6/1	1,860	118.7	113.6	90	90
Chow	2	7/w	45	2	6/1	2,850	181.7	174.7	120	120
Bull	1/0	19/w	60	1/0	6/1	4,380	288.7	280.3	160	160
6201 ALLOY NEUTRAL-MESSENGER										
Chihuahua	6	solid	45	6	7/w	1,110	67.6	65.8	70	70
Vizsla	6	7/w	45	6	7/w	1,110	70.9	67.2	70	70
Harrier	4	solid	45	4	7/w	1,760	102.0	99.9	90	90
Whippet	4	7/w	45	4	7/w	1,760	107.0	101.9	90	90
Schnauzer	2	7/w	45	2	7/w	2,800	183.3	156.2	120	120
Heeler	1/0	19/w	60	1/0	7/w	4,460	259.2	250.8	160	160



Triplex Service Drop-Aluminum Conductor

Construction

Concentric strand or compressed 1350-H19 conductor, polyethylene or crosslinked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.

Standards

ASTM B-230, B-231, B-232 and B-339 & ICEA S-76-474

Code Name	Phase conductor			Bare neutral messenger			Weight per 1000 ft.(lbs)		Ampacity (Amps)	
	Size AWG	Stranding	Insulation thickness (mils)	Size AWG	Stranding	Breaking strength (lbs)	XLP	POLY	XLP	POLY
6201 ALLOY NEUTRAL-MESSENGER										
Minex	6	solid	45	6	7	1,110	106.8	102.9	85	70
Hippa	6	7/w	45	6	7	1,110	113.2	105.7	85	70
Prawn	4	solid	45	4	7	1,760	158.4	154.1	115	90
Barnacles	4	7/w	45	4	7	1,760	168.3	158.2	115	90
Shrimp	2	7/w	45	2	7	2,800	253.7	239.7	150	120
Gammarus	1/0	7/w	60	1/0	7	4,460	411.7	388.0	205	160
Leda	1/0	19/w	60	1/0	7	4,460	402.7	386.0	205	160
Dungeneze	2/0	7/w	60	2/0	7	5,390	506.8	476.3	235	185
Cyclops	2/0	19/w	60	2/0	7	5,390	495.3	476.3	235	185
Flustra	3/0	19/w	60	3/0	7	6,790	611.4	589.1	275	215
Lepas	4/0	19/w	60	4/0	7	8,560	757.1	730.5	315	245
6201 ALLOY REDUCED NEUTRAL-MESSENGER										
Artemia	4	solid	45	6	7	1,110	141.4	137.1	115	90
Crab	4	7/w	45	6	7	1,110	151.3	141.2	115	90
Solaster	2	7/w	45	4	7	1,760	226.8	212.6	150	120
Sandcrab	1/0	7/w	60	2	7	2,800	368.8	343.1	205	160
Echinus	1/0	19/w	60	2	7	2,800	358.8	343.1	205	160
Crayfish	2/0	7/w	60	1	7	3,530	452.6	422.5	235	185
Sipho	2/0	19/w	60	1	7	3,530	441.0	422.5	235	185
Fulgur	3/0	19/w	60	1/0	7	4,460	543.4	521.1	275	215
Arca	4/0	19/w	60	2/0	7	5,390	671.2	644.6	315	245
Code Name	Phase conductors			Bare neutral			Weight per 1000 ft.(lbs)		Ampacity (Amps)	
	Size AWG or MCM	Stranding	Insulation thickness (mils)	Size (AWG)	Stranding	Rated strength (lbs)	XLP	Poly	XLP	Poly
AAC NEUTRAL-MESSENGER										
Haiotis	6	solid	45	6	7	563	102.5	98.8	85	70
Patella	6	7/w	45	6	7	563	109.1	101.6	85	70
Fusus	4	solid	45	4	7	881	151.9	147.6	115	90
Oyster	4	7/w	45	4	7	881	161.8	151.7	115	90
Clam	2	7/w	45	2	7	1,350	243.2	228.2	160	120

Murex	1/0	7/w	60	1/0	7	1,990	395.1	369.4	205	160
Purpura	1/0	19/w	60	1/0	7	1,990	388.1	369.4	205	160
Nassa	2/0	7/w	60	2/0	7	2,510	485.8	455.3	235	185
Mellita	3/0	19/w	60	3/0	19	3,310	585.2	562.9	275	215
Portunus	4/0	19/w	60	4/0	19	4,020	723.9	697.3	315	245
Nannynose	336.4	19/w	80	336.4	19	6,146	1160.4	1118.0	420	325

WITH FULL SIZE ACSR MESSENGER

Patudina	6	solid	45	6	6/1	1,190	114	113	85	70
Voluta	6	7/w	45	6	6/1	1,190	120	113	85	70
Whelk	4	solid	45	4	6/1	1,860	169	165	115	90
Periwinkle	4	7/w	45	4	6/1	1,860	176	172	115	90
Conch	2	7/w	45	2	6/1	2,850	267	261	150	120
Nertina	1/0	7/w	60	1/0	6/1	4,380	530	419	205	160
Cenia	1/0	19/w	60	1/0	6/1	4,380	426	416	205	160
Runcina	2/0	7/w	60	2/0	6/1	5,310	530	519	235	185
Triton	2/0	19/w	60	2/0	6/1	5,310	526	514	235	185
Cherrystone	3/0	7/w	60	3/0	6/1	6,620	656	643	250	200
Mursia	3/0	19/w	60	3/0	6/1	6,620	650	638	250	200
Razor	4/0	7/w	60	4/0	6/1	8,350	814	799	315	245
Zuzara	4/0	19/w	60	4/0	6/1	8,350	805	792	315	245
Limpet	336.4	19/w	80	336.4	18/1	8,680	1209	1167	420	325

Code name	Phase conductors			Bare neutral			Weight per 1000 ft. (lbs)		Ampacity (Amps)	
	Size AWG or MCM	Stranding	Insulation thickness (mils)	Size (AWG)	Stranding	Rated strength (lbs)	XLP	Poly	XLP	Poly

WITH ACSR REDUCED SIZE MESSENGER

Scallop	4	Solid	45	6	6/1	1,190	148	144	115	90
Strombus	4	7/w	45	6	6/1	1,190	158	148	115	90
Cookie	2	7/w	45	4	6/1	1,860	233	227	150	120
Janthina	1/0	7/w	60	2	6/1	2,850	376	365	205	160
Ranella	1/0	19/w	60	2	6/1	2,850	372	362	205	160
Cavolinia	2/0	7/w	60	1	6/1	3,550	462	451	235	185
Clio	2/0	19/w	60	1	6/1	3,550	458	446	235	185
Sanddollar	3/0	7/w	60	1/0	6/1	4,380	570	557	275	215
Aega	3/0	19/w	60	1/0	6/1	4,380	565	552	275	215
Cuttlefish	4/0	7/w	60	2/0	6/1	5,310	706	691	315	245
Cerapus	4/0	19/w	60	2/0	6/1	5,310	699	684	315	245
Cowry	336.4	19/w	80	4/0	6/1	8,350	1135	1093	420	325



Quadruplex Service Drop-Aluminum Conductor

Construction

Conductors are concentrically stranded, compressed 1350-H19 aluminum, insulated with either polyethylene or XLP crosslinked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.

Standards

ASTM B-230, B-231, B-232, B-339 & ICEA S-76 -474

Code name	Phase conductor			Bare neutral messenger			Weight per 1000 ft.(lbs)		Rating(Amps)	
	Size AWG	Strand	Insulation thickness (mils)	Size AWG	Strand	Breaking strength (lbs)	XLP	POLY	XLP	POLY

AAC NEUTRAL-MESSENGER

Clydesdale	4	Solid	45	4	7	881	208	201.8	100	80
Pinto	4	7/w	45	4	7	881	223	207.9	100	80
Mustang	2	7/w	45	2	7	1,350	333	312.6	135	105
Criollo	1/0	19/w	60	1/0	7	1,990	529	504.5	180	140
Percheron	2/0	19/w	60	2/0	7	2,510	649	620.5	205	160
Hanoverian	3/0	19/w	60	3/0	19	3,310	799	765.6	235	185
Oldenburg	4/0	19/w	60	4/0	19	4,020	986	946.7	275	210
Lippizaner	336.4	19/w	80	336.4	19	6,146	1,546	1,519.2	370	280

ACSR NEUTRAL-MESSENGER

Morochuca	6	Solid	45	6	6/1	1,190	152	147.4	75	60
Chola	6	7/w	45	6	6/1	1,190	162	151.7	75	60
Morgan	4	Solid	45	4	6/1	1,860	226	220	100	80
Hackney	4	7/w	45	4	6/1	1,860	241	226.1	100	80
Palomino	2	7/w	45	2	6/1	2,850	362	342.6	135	105
Costena	1/0	19/w	60	1/0	6/1	4,380	575	550.6	180	140
Grullo	2/0	19/w	60	2/0	6/1	5,310	707	678.7	205	160
Suffolk	3/0	19/w	60	3/0	6/1	6,620	872	838.9	235	185
Appaloosa	4/0	19/w	60	4/0	6/1	8,350	1079	1039.2	275	210
Bronco	336.4	19/w	80	336.4	18/1	8,580	1613	1568.2	370	280
Gelding	336.4	19/w	80	4/0	6/1	8,350	1548	1494.3	370	280

6201 ALLOY NEUTRAL-MESSENGER

Bay	6	Solid	45	6	7	1,110	145	140.0	75	60
French Coach	6	7/w	45	6	7	1,110	155	144.3	75	60
German Coach	4	Solid	45	4	7	1,760	214	208.3	100	80
Arabian	4	7/w	45	4	7	1,760	229	214.4	100	80
Belgian	2	7/w	45	2	7	2,800	344	323.1	135	105
Shetland	1/0	19/w	60	1/0	7	4,480	546	521.1	180	140
Thoroughbred	2/0	19/w	60	2/0	7	5,390	670	641.5	205	160
Trotter	3/0	19/w	60	3/0	7	6,790	825	791.8	235	185
Walking	4/0	19/w	60	4/0	7	8,580	1019	979.7	275	210



**Single Conductor 600V Secondary
Type UD Cable-Aluminum Conductor**

Construction

Concentric stranded or compressed 1350-H19 aluminum conductor, crosslinked polyethylene insulation.

Standards

ASTM B-230, B-231 and ICEA S-66-524 UL Standard 854 for Type USE

Code name	Size AWG or MCM	Stranding	Insulation thickness (mils)	Outside diameter (inches)	Weight per 1000 ft (lbs)	Ampacity (Amps)	
						Direct burial	In duct
ALL ALUMINUM							
Princeton	6	7/w	60	.298	45	90	85
Mercer	4	7/w	60	.345	64	120	85
Clemson	2	7/w	60	.403	93	155	115
Kenyon	1	19/w	80	.482	122	175	130
Harvard	1/0	19/w	80	.522	148	200	150
Yale	2/0	19/w	80	.566	179	225	170
Tufts	3/0	19/w	80	.616	217	250	195
Beloit	4/0	19/w	80	.672	265	290	225
Hofstra	250	37/w	95	.748	317	320	250
Gonzaga	300	37/w	95	.801	371	355	280
Rutgers	350	37/w	95	.851	423	385	305
Emory	500	37/w	95	.979	579	465	370
Duke	600	61/w	110	1.086	701	510	410
Furman	700	61/w	110	1.155	804	550	440
Sewanee	750	61/w	110	1.188	855	580	470
Fordham	1000	61/w	110	1.337	1109	670	545

To determine correct ampacity by conductor size, please consult the National Electric Code, latest edition.

Packaging: Available in 500 ft coils, 1,000 ft reels and long lengths.

The above data are approximate and subject to normal manufacturing tolerances.

Ampacity 90°C conductor temperatures, 20°C ambient temperature, RHO factor 90, 100% load factor for three conductor triplexed, 3 phase operation.



**Duplex Conductor 600V Secondary
Type URD Cable-Aluminum Conductor**

Construction

Concentric stranded or compressed 1350-H19 aluminum conductor, crosslinked polyethylene insulation. Insulated conductors surface printed, neutral triple yellow striped. Black neutrals may be specified if desired.

Standards

ASTM B-230, B-231 and ICEA S-66-524 UL Standard 854 for Type USE Federal Specification JC-30B NEC

Code name	Phase conductor			Neutral			Single phase conductor (in)	Outside diameter (in)	Weight per 1000ft (lbs)	Ampacity	
	Size AWG	Strand	Insulation thickness (mils)	Size AWG	Strand	Breaking strength (lbs)				Direct burial	In duct
Bard	8	7/w	60	8	7/w	60	.262	.524	76	70	70
Claffin	6	7/w	60	6	7/w	60	.299	.596	91	95	70
Delgado	4	7/w	60	4	7/w	60	.345	.690	129	125	90
Everett	2	7/w	60	2	7/w	60	.403	.806	189	187	100

Ampacity: 90°C conductor temperature, 20°C ambient, RHO 90, 100% load factor. All yellow extruded stripe cable is XLP insulation.

To determine correct ampacity by conductor size, please consult the National Electric Code, latest edition.

Packaging: Available in 500 ft coils, 500 ft reels, 1,000 ft reels and longer lengths.

The above data are approximate and subject to normal manufacturing tolerances.



**Triplex Conductor 600V Secondary
Type URD Cable-Aluminum Conductor**

Construction

Concentric stranded or compressed 1350-H19 aluminum conductors, crosslinked polyethylene insulation. Insulated conductors surface printed, neutral triple yellow striped. Two phase and one neutral conductor twisted together (LH lay) or parallel if so specified. Black neutrals may be specified if desired.

Standards

ASTM B-230, B-231 and ICEA S-66-524 UL Standard 854 for Type USE Federal Specification JC-30B NEC

Code name	Phase conductor			Neutral			Single phase conductor (in)	Outside diameter (in)	Weight per 1000ft (lbs)	Ampacity	
	Size AWG	Strand	Insulation thickness (mils)	Size AWG	Strand	Insulation thickness(mils)				Direct burial	In duct
Erskine	6	7/w	60	6	7/w	60	.289	.646	143	95	70
Vassar	4	7/w	60	4	7/w	60	.345	.754	203	125	90
Stephens	2	7/w	60	4	7/w	60	.403	.842	264	165	120
Ramapo	2	7/w	60	2	7/w	60	.403	.874	294	165	120
Brenau	1/0	19/w	80	2	7/w	60	.522	1.064	408	215	160
Bergen	1/0	19/w	80	1/0	19/w	80	.522	1.133	465	215	160
Converse	2/0	19/w	80	1	19/w	80	.566	1.174	502	245	180
Hunter	2/0	19/w	80	2/0	19/w	80	.566	1.228	560	245	180
Hollins	3/0	19/w	80	1/0	19/w	80	.616	1.276	606	280	205
Rockland	3/0	19/w	80	3/0	19/w	80	.616	1.336	678	280	205
Sweetbriar	4/0	19/w	80	2/0	19/w	80	.672	1.369	739	315	240
Monmouth	4/0	19/w	80	4/0	19/w	80	.672	1.457	828	315	240
Pratt	250	37/w	95	3/0	19/w	80	.748	1.538	893	345	265
Wesleyan	350	37/w	95	4/0	19/w	80	.851	1.736	1166	415	320
Holyoke	500	37/w	95	300	37/w	95	.979	2.008	1607	495	395
Rider	500	37/w	95	350	37/w	95	.979	2.035	1683	495	395
Fairfield	750	61/w	110	500	37/w	95	1.188	2.086	2304	615	525

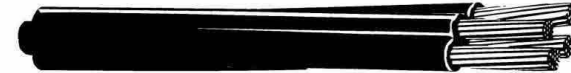
Ampacity: 90°C conductor temperature, 20°C ambient, RHO 60, 100% load factor for three conductor triplex with neutral carrying only unbalanced load. Technical data for cable

with solid black neutral is identical to yellow extruded stripe data. All yellow extruded stripe cable is XLP insulation.

To determine correct ampacity by conductor size, please consult the National Electric Code, latest edition.

Packaging: Available 500 ft reels, 1,000 ft reels and longer lengths.

The above data are approximate and subject to normal manufacturing tolerances.



**Quadruplex Conductor 600V Secondary
Type URD Cable-Aluminum Conductor**

Construction

Concentric stranded or compressed 1350-H19 aluminum conductors, crosslinked polyethylene insulation. Insulated conductors surface printed, neutral triple yellow striped. Three phase and one neutral conductor cabled together (LH lay) or parallel if so specified. Black neutrals may be specified if desired.

Standards

ASTM B-230, B-231 and ICEA S-66-524 UL Standard 854 for Type USE Federal Specification JC-30B NEC

Code name	Phase conductor			Neutral			Single phase conductor (in)	Outside diameter (in)	Weight per 1000ft (lbs)	Ampacity	
	Size AWG	Strand	Insulation thickness (mils)	Size AWG	Strand	Insulation thickness (mils)				Direct burial	In duct
Tulsa	4	7/w	60	4	7/w	60	.345	.833	258	119	85
Dyke	2	7/w	60	4	7/w	60	.403	.938	346	153	115
Wittenberg	2	7/w	60	2	7/w	60	.403	.973	375	153	115
Notre Dame	1/0	19/w	80	2	7/w	60	.522	1.188	541	198	150
Purdue	1/0	19/w	80	1/0	19/w	80	.522	1.260	596	198	150
Syracuse	2/0	19/w	80	1/0	19/w	80	.566	1.316	664	225	170
Lafayette	2/0	19/w	80	2/0	19/w	80	.566	1.367	720	225	170
Swarthmore	3/0	19/w	80	1/0	19/w	80	.616	1.430	805	250	195
Davidson	3/0	19/w	80	3/0	19/w	80	.616	1.487	874	250	195
Wake Forest	4/0	19/w	80	2/0	19/w	80	.672	1.560	979	290	225
Earlham	4/0	19/w	80	4/0	19/w	80	.672	1.623	1066	290	225
Slippery Rock	350	37/w	95	4/0	19/w	80	.851	1.945	1544	385	305
Wofford	500	37/w	95	350	37/w	95	.851	2.348	2174	467	420
Windham	750	61/w	110	500	37/w	95	.979	2.850	2542	615	492



XHHW-2 Aluminum Conductor

Construction

Compressed stranded 8000 Series aluminum alloy conductor, black abrasion, heat and moisture resistant crosslinked polyethylene insulation.

Standards

UL Standards 44 and Federal specification JC-30B NEC ASTM B800, B801.

Conductor AWG or MCM	Stranding	Insulation thickness (mils)	Outside diameter (in)	Weight lbs/1000ft	Ampacity (amps) 90°C
8	7/w	45	.230	29	45
6	7/w	45	.260	40	60
4	7/w	45	.305	58	75
2	7/w	45	.360	86	100
1	19/w	55	.415	109	115
1/0	19/w	55	.450	132	135
2/0	19/w	55	.490	162	150
3/0	19/w	55	.540	199	175
4/0	19/w	55	.590	245	205
250	37/w	65	.655	294	230
300	37/w	65	.705	347	255
350	37/w	65	.750	398	280
400	37/w	65	.795	450	305
500	37/w	65	.870	552	350
600	61/w	80	.980	672	385
700	61/w	80	1.040	774	420
750	61/w	80	1.075	825	435
1000	61/w	80	1.230	1077	500

To determine correct ampacity by conductor size, please consult the National Electric Code, latest edition.

Packaging: 500 ft reels or master reels.

The above data are approximate and subject to normal manufacturing tolerances.



USE-RHH-RHW-2 Direct Burial-Aluminum Conductor

Construction

Compressed stranded 1350 or compressed stranded 8000 Series aluminum alloy conductor, black abrasion, heat, moisture and sunlight resistant crosslinked polyethylene insulation.

Standards

UL Standards 44(RHW or RHH), UL standard 854(USE) and Federal specification JC-30B NEC.

Conductor AWG or MCM	Stranding	Insulation thickness (mils)	Outside diameter (in)	Weight lbs/1000ft	Ampacity (amps) 90°C
8	7/w	60	.266	37	45
6	7/w	60	.290	49	60
4	7/w	60	.334	65	75
2	7/w	60	.390	94	100
1	19/w	80	.460	125	115
1/0	19/w	80	.500	150	135
2/0	19/w	80	.540	181	150
3/0	19/w	80	.590	220	175
4/0	19/w	80	.635	268	205
250	37/w	95	.710	320	230
300	37/w	95	.760	374	255
350	37/w	95	.810	428	280
400	37/w	95	.850	482	305
500	37/w	95	.930	591	350
600	61/w	110	1.035	715	385
700	61/w	110	1.100	821	375
750	61/w	110	1.130	873	375
1000	61/w	110	1.280	1132	500

To determine correct ampacity by conductor size, please consult the National Electric Code, latest edition.

Packaging: 500 ft reels or master reels.

The above data are approximate and subject to normal manufacturing tolerances.